Installation Manual

POI PILOT 7000
Super HD car camera
with GPS alerter

POI PILOT 7000

USER MANUAL

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DEAR CUSTOMER,

Thank you for purchasing this HD car camera, with which you can record your routes and can store GPS data at the same time.

You can then view the route again at home using the software, which is provided, and at the same time, you will receive the respective position displayed on Google Maps.

Please read this manual and follow the instructions and tips so that you can use your new HD car camera to its maximum capabilities.

SCOPE OF SUPPLY

- a full HD car camera
- suction pad holder
- vehicle adapter
- USB cable
- 3m USB charging cable with a GPS receiver
- 8 cable clamps
- instruction manual

Still required

1 micro SD card (up to 32GB, at least Class 6)

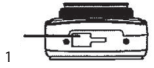
POI PILOT 7000

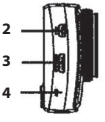
SAFETY PRECAUTIONS

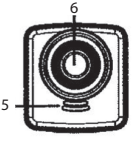
- This instruction manual is designed to familiarise you with the functional capabilities of the product. Please make sure that this manual remains at hand, so that you can access it any time.
- Please only use the product for the purpose and manner for which it is intended. Any other use may result in damage to the product or to other items within the vicinity of the product.
- Remodelling or changing the product will impact on product safety. Caution! Risk of injury!
- Never open the product unattended. Never carry out any repairs on your own!
- Handle the product with care. It can be damaged by shock, impacts, or if it should fall from a low height.
- Keep the product away from any moisture or extreme temperatures.
- Never immerse the product in water or in other types of liquids.
- Make sure that the camera does restrict the view under any circumstances when using it inside vehicles.
- Make sure that the cable which is connected to the power supply does not prevent you from having control over the vehicle.
- Please also ensure that the power cable cannot be walked over or be clipped, and make sure that it cannot come into contact with sources of heat or with sharp edges.
- Technical modifications and errors are reserved!

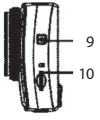
PRODUCT DETAILS

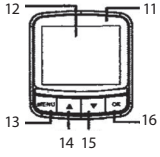
1 Adapter for suction cup holder
2 USB port
3 HD output
4 Reset access (for paper clip etc.)
5 Loud speaker
6 Camera lens
7 Serial number
8 Microphone
9 On-/Off switch
10 microSD-Slot
11 LED
12 Display
13 Menu button
14 Up button
15 Down button
16 Confirm button





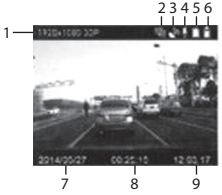






DISPLAY SYMBOLS

1 Resolution
2 Movement recognition
3 GPS signal (turns green when received)
4 Microphone (on/off)
5 microSD-card
6 Rechargeable battery charging status/connection with power source (PC, tablet, power bank etc.)
7 Date
8 Remaining recording time (dependant on the resolution which has been pre-set)
9 Time
10 Recording time
11 Vehicle number



POI PILOT 7000 QUICK START

Please observe the following steps in order to put your POI pilot into operation with the POIbase:

1. Unpack the POI Pilot.
2. Insert a micro SD card (at least Class 6) which has been formatted in FAT 32 into the device.
3. Connect the POI pilot to the external GPS receiver inside the cable and connect this to the power supply inside the vehicle.
4. Switch the GPS on inside the POI pilot 7000 device menu, and wait until a GPS signal has been received in the POI pilot 7000 display (the GPS symbol will turn green). This process can take up to 30 minutes.
5. After the GPS has been received successfully, connect the POI pilot 7000 to the PC, and install the POIbase programme on the CD.
6. The POIbase will automatically recognise the POI pilot 7000 if the GPS signal has been successful.
7. Select and update the required POIs after you have completed the registration process.
8. The most up to date firmware shall be transferred initially, and must be confirmed on the POI pilot 700 after it has been disconnected from the PC.
9. The POI pilot must still revert to factory settings in the device menu before the PC can be re-connected.
10. Re-connect the POI pilot to the PC, and transfer the POIs by selecting "OK".
11. Once the transfer has been completed successfully, the POI pilot can be attached to the vehicle windscreen and is ready for use

POI PILOT 7000

PRODUCT DETAILS

FUNCTION KEYS

„MENU": opens the setting and selection menu/closes any setting and selection processes and leads to the subsequent menu screen

Up key: for navigating menus/switching the microphone on or off

Down key: for navigating menus/opening the recording directory

„OK": confirms menu selections and settings/starts and stops any recording

On/off switch: push briefly in order to display/hide the speed indicator

MAIN MENU

Video recording settings
- **Resolution:** Video format – the higher the selection, the more memory consumption
- **Quality:** the higher the selection, the more memory consumption
- **HDR:** A dynamic contrast amplifier for darker surroundings
- **Time stamp:** Displaying the date/time in the video
- **LDWS recognition:** Lane departure warning on/off.

Photo settings
- **Resolution:** in mega pixels – the higher the selection, the more memory consumption
- **Quality:** the higher the selection, the more memory consumption
- **Time stamp:** displaying the date/time on the photos
- **WB:** white balance for adjusting the colour temperature

Basic settings

NOTE: *Some settings such as volume adjustment are only available after the firmware has been updated.*

- **System:** NTSC/Pal – please set/leave this on PAL
- **Date/time:** for setting the date and time
- **Licence plate:** can be found in the top right hand corner of the display and in the recordings
- **Formatting the SD card:** for deleting all of the data on the SD card
- **Factory settings:** reverts to the original factory settings
- **Movement recognition:** starts recording after movement has been recognised in front of the camera
- **LCD deactivation:** turns the display off after a certain period of time
- **Video length:** can be set from 1-10 minutes
- **GPS:** switches the GPS on or off
- **Time zone:** for setting the time zone
- **G sensor:** for setting the sensitivity of the G-sensor to retain any evidence in the event of accidents, meaning that the recorded video is therefore saved on the SD card and is not overwritten
- **Scene mode:** various recording modes can be selected, however the default "from" mode suffices in most situations
- **Balancing exposure to light:** shortens or extends the exposure time
- **Speed indicator:** suppression of speed in the video after the set speed has been exceeded
- **Volume:** for setting the warning volume
- **Excess fatigue alert:** generates a signal at distances which have been set
- **Car light:** a signal will sound once the recording becomes too dark
- **Speed camera alert:** for switching the speed camera alert on/off
- **Speed warning sound:** warns you of an active speed camera when travelling in excess of the speed limit

POI PILOT 7000

- **Alarm setting:** Off = warnings when travelling at certain speed; On = for alerts only when driving too fast
- **Language:** for selecting the language
- **Most recent update:** displays the date of the most recent POI installation
- **Firmware version:** displays the firmware which has been installed

INSTALLING THE DEVICE INSIDE A VEHICLE

Insert a microSD card into the microSD slot. Connect the camera and suction cup holder (a sliding plug connection). Remove the protective film from the suction cup the first time you use it.

Place the suction cup holder on your windshield or dashboard, so that the view is not obscured. Now fix the suction cup by tilting the lever towards the car window. The substrate must be free from dust and grease in order for it to be secured properly.

You can adjust the camera after having opened the fixing wheel.
Connect the USB cable to the camera. Route the cable like you would for a cigarette lighter socket so that it does not hinder you while driving. Use the 8 cable clamps for fixing the cable.
Connect the USB cable to the vehicle adapter and plug it into the cigarette lighter input.

CONNECTING THE DEVICE TO A COMPUTER

Connect the device (with an inserted microSD card) to the USB cable, which has been provided (not the cable for the GPS receiver), and connect the cable to an available USB port on your computer (which has been switched on). Switch the device on. The computer will identify the device and will

PRODUCT DETAILS

install the correct driver.
If the recognition process has been completed, then you can access the microSD card from the camera as an ordinary USB stick and will be able to play back, copy, and delete any recordings.

You can also format the microSD card. However, all of the stored data will be deleted should you do so!

CONNECTING THE DEVICE TO A TELEVISION

Used for playbacks, because the device (with an inserted microSD card) can be connected to a television or to a monitor using an HD cable (this is not supplied with the device).

Then connect the cable to the HD output of the device and connect the cable to the input of the television.
Switch on the television and change the mode to video input.

Check the list of recordings of the device and select the appropriate recording program. Start playing by pressing on the "OK" button.

USE AS A CAR CAMERA

The device is ready for use as a car camera once it has been installed inside the vehicle. The device will switch on once you have plugged the adapter into the cigarette lighter.

Press the „OK" button to start or finish recording.

POI PILOT 7000

ADDITIONAL FUNCTIONS

Additional functions will become enabled depending on what you select in the basic device settings:
- GPS tracking
- Speed indicator (can be customised in the video!)
- Speed alert
- Lane assistant
- Alerts for road conditions
- Distance

If required for legal reasons, you can also install speed camera data. The regulations for this are not uniform within Europe.

SETTING THE SPEED CAMERA AND HAZARD WARNINGS

The POI must be loaded initially via the POI base program in order for you to be alerted to speed cameras and danger zones. The GPS must be enabled when in operation.

The following elements can be set in terms of alerts.
Speed camera alert: for switching
The alarm settings on/off: Off = all warnings enabled, On = acoustic alerts only if driving too fast
Volume: alert volume
Delete all data: stops recording by pressing both arrow buttons simultaneously and holding them down for 5 seconds

PRODUCT DETAILS

TRACEROUTE VIA A PC

The GPS software, which is provided, allows you to track any driven routes on your PC via Google Maps.

Simply launch it after the device has been connected to the PC correctly, and this can be found under the „RegistratorViewer" program in the device directory.

It is here where you can open the recording, which you wish to track.

POI PILOT 7000

TECHNICAL DETAILS

160° wide angle lens
2" LCD display (5.08 cm)
Super HD resolution of up to 2688 x 1512 px (photo),
2304 x 1296 px (video set at 30 FPS)
H.264/MPEG4 video compression
G sensor
GPS integrated into an external USB cable
Integrated microphone/speaker headset

TECHNICAL DETAILS

INSTALLING THE POIBASE SOFTWARE

ATTENTION: *Before connecting with your PC you have to put a convenient microSD-card into your Poi Pilot!*
The POI Pilot 7000 must have received a GPS signal before any POIs can be transferred!

Please observe the following steps in order to put your POI pilot into operation with the POIbase:

1. *Insert a micro SD card (at least Class 6) which has been formatted in FAT 32 into the device.*
2. *Connect the POI pilot to the external GPS receiver inside the cable and connect this to the power supply inside the vehicle.*
3. *Switch the GPS on inside the POI pilot 7000 device menu, and wait until a GPS signal has been received in the POI pilot 7000 display (the GPS symbol will turn green). This process can take up to 30 minutes.*
4. *After the GPS has been received successfully, connect the POI pilot 7000 to the PC, and install the POIbase programme on the CD.*
5. *The POIbase will automatically recognise the POI pilot 7000 if the GPS signal has been successful.*

POIbase NAVIGATION CONTENT

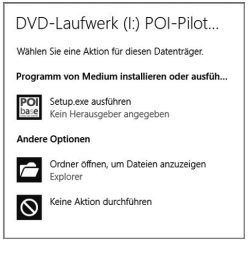
INSTALLATION AND REGISTRATION

Step-by-step guide to installing the software for your POI PILOT 7000 GPS locator on your Windows PC:

1. Step
Insert the POI Pilot CD into the disc drive and click on „Run Setup.exe“. Installation will start automatically. If it doesn't, you can start the installation using the „Setup.exe“ file on the CD.

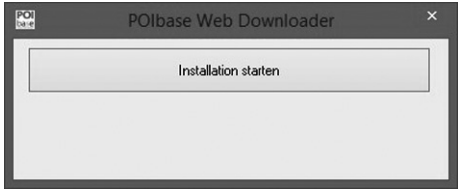
Windows XP/Vista/7

Windows 8

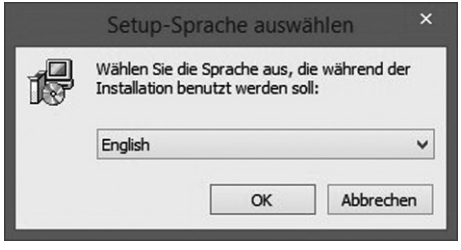


NOTE: In *some cases, your security software might block the software* installation *from the CD.* In *this case, please download the software* from *our website.* You *will find it at http://www.poibase.com/en » Download.*

Step 2
Click „Start download" in the POIbase Web Downloader.



Step 3
Now select the desired language and confirm it with „OK".

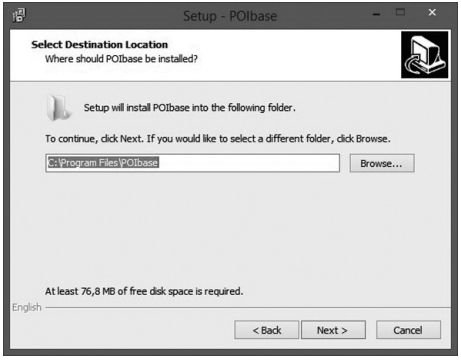


POIbase NAVIGATION CONTENT

Step 4
Click „Next" in the POIbase setup assistant to confirm the installation.

INSTALLATION AND REGISTRATION

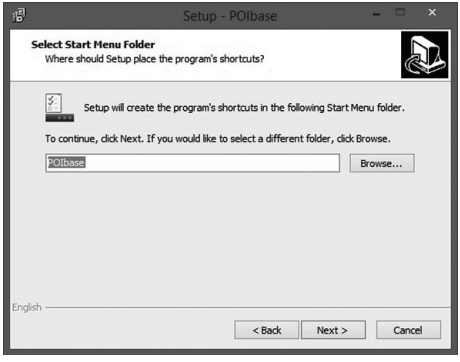
Step 5
The installation directory for the POIbase program can now be selected. We recommend leaving it as it is, otherwise it may cause problems. Confirm with „Next“.



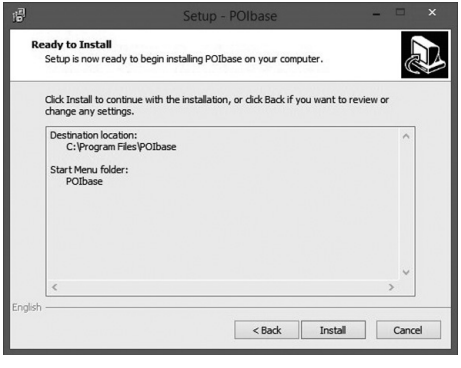
POIbase NAVIGATION CONTENT

INSTALLATION AND REGISTRATION

Step 6
Please leave the Start menu folder unchanged and confirm with „Next“. will then start.



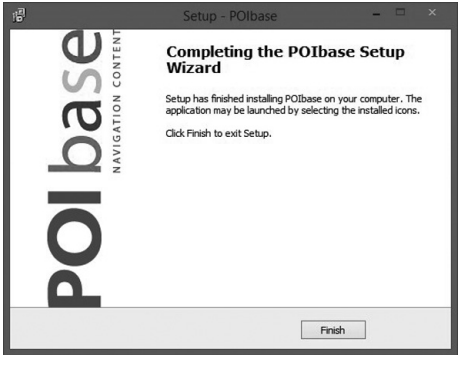
Step 7
The destination and Start menu folders will be shown again.
Click „Install“ to start the installation.



POIbase NAVIGATION CONTENT

INSTALLATION AND REGISTRATION

Step 8
Under Windows 8, the installation is now complete and can be by by clicking „Finish“. The next step is registration.



REGISTRATION WITHIN THE POIBASE SOFTWARE

Following the installation, a desktop icon will be visible on Windows XP/ Vista/7, and a tile with the POIbase logo on Windows 8.
Click this and the POIbase program will open. First, the program will {MQ} search for updates, which can be installed with „OK".
POIbase will then restart automatically. Registration will then proceed as follows.

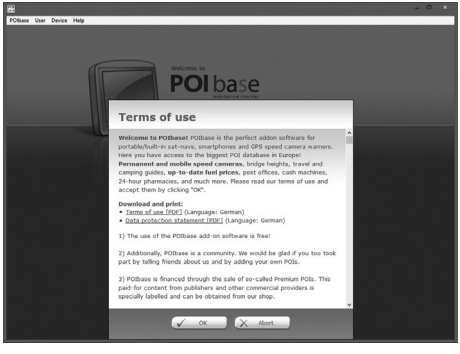
NOTE: *If you reinstall or install the software on another PC, you will not need to register again. Just log in as described in step 2 using the existing account details you used when redeeming your activation code.*

Step 1
POIbase will automatically search for any devices, which have been connected.

Step 2
The POI pilot will be recognised automatically and can be selected.

Step 3
If you have already registered, you only need to enter you email address and password. If you haven't yet registered, leave all of the fields empty and click „Register now".

Step 4
The terms of use can now be read and must be accepted. They can also be viewed later.



Step 5
Now enter the corresponding data in the required fields, making sure that you enter a valid email address. The activation code is printer on the software CD, which can now be removed from your PC. Please enter the dashes in the activation code. U and V are easily confused. Then click „Register now“ and registration is complete.

The next step is selecting and transferring speed camera data.

SELECTING AND TRANSFERRING SPEED CAMERA POIS
Following registration, you can now select the desired speed cameras and transfer them to your POI Pilot.

Step 1
Click „Download“.

Step 2
Then „Download POIs“.

Step 3
All of the data can be found under safety and speed cameras.

Step 4
The main categories are listed in the top row. Simply click the desired category.

Step 5
Now the speed camera categories can be selected. You either do this individually by clicking „Add“, or by clicking „Add all“ (in the black bar).

Step 6
After making your selection, you can either click „Back" to select other speed cameras (you current selection will remain) or start the transfer by clicking „... Install POIs".

Step 7
Select the desired language and confirm with "OK".

Step 8
Two measures are still required to be taken so that the POIs can be transferred successfully.

Step 9
Firstly, the new firmware must be installed. Also, disconnect the POI pilot from the PC, and confirm the update by pressing the OK button on the POI pilot.

Step 10
The POI pilot must still revert to factory settings in the device menu before the PC can be re-connected. Re-connect the POI pilot to the PC, and complete the transfer of the POIs by pressing “OK”.

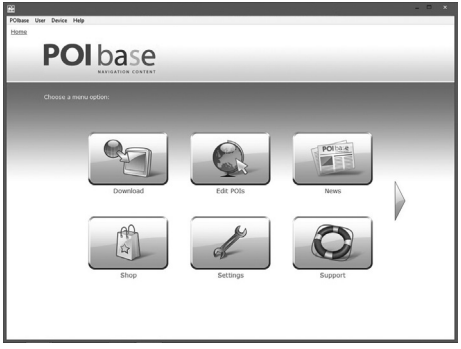
Step 11
After this, you will be able to disconnect the POI pilot from the PC. This now highlights the fact that POI data can be read inside the display, and it will begin to reboot automatically. It is now ready to use and can be attached to the vehicle windscreen.

POI base
NAVIGATION CONTENT

UPDATING SPEED CAMERA POIS

Updating the speed camera POIs on the POI Pilot. Our database is improved and changed daily. This is done in a few steps.

Step 1
Connect the POI Pilot to your PC, start POIbase and click “Download”.

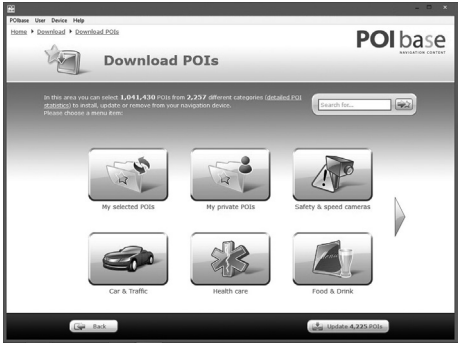


INSTALLATION AND REGISTRATION

Step 2
Click „Download POIs“.

POI base NAVIGATION CONTENT

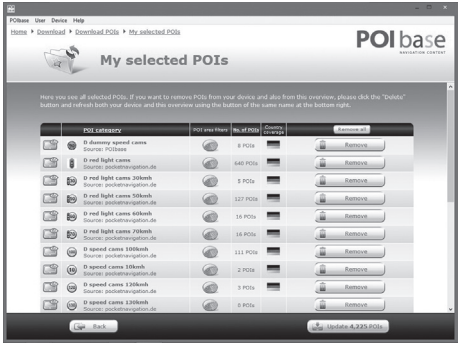
Step 3
You will find all previously transferred camera under „My selected POIs“.



INSTALLATION AND REGISTRATION

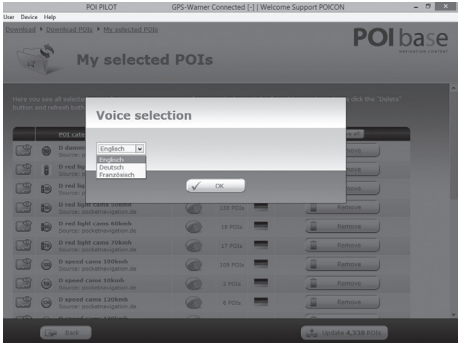
Step 4

No you can see the POIs again and, if necessary, remove categories. When you are ready, click „... Update POIs“. The data will then be reloaded and brought up to date.



Step 5

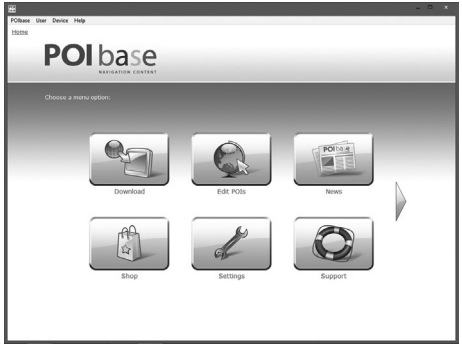
Select the desired language and confirm with “OK”. The selected speed cameras and the most up to date firmware are then transmitted.



ADDING SPEED CAMERAS AND OTHER POIS

New permanent and mobile speed cameras are adding to our roads every day. You can also add these cameras to the POIbase database yourself.

Step 1
Connect the POI Pilot to your PC, start POIbase and click „Edit POIs“.



The map is now shown.

INSTALLATION AND REGISTRATION

Step 2
Use the mouse wheel to zoom in to the position where the speed camera is located and mark it with a mouse click. A red X will appear at this point.

Step 3
Next, the POI categories is selected in the left column. In this case it is a 50 km/h fixed speed camera. Then click „Add POI“ in the right column.

Step 4
The selected category will be shown again. Click „Other steps“ for the POI description.

Step 5
In this case it is a 50 km/h fixed speed camera. Then click „Add POI“ inthe right column. The name of the speed camera is the name that will be shown on the map later and should look like this:
\[Postcode] Speed Camera F50 (F stands for a fixed speed camera; choose M for a mobile speed camera. The 50 stands for the speed limit.); street and house number; direction and other details; \[Town] Please abbreviate Street to St and direction to dir.

Example:
\[22087] Speed Camera F50; Mühlendamm 12; dir. city centre; \[Hamburg]

Once all required fields have been filled, continue with „Other steps“.

Step 6
The details can be checked once again. If everything is right, click „OK“. Your submission will then be sent, checked and added to the database.

POIbase NAVIGATION CONTENT

FREQUENTLY ASKED QUESTIONS AND PROBLEMS

Problem	Cause	Solution
My POI Pilot is not/ no longer recognised by POIbase.	USB cable broken.	Try a new USB cable.
	USB connection the PC defective.	Try an another USB connection.
My activation code isn't accepted.	Entered code incorrectly.	Please enter the dashes too. U and V, 0 and D are easily confused.
Why do I have to pay of speed cameras?	Didn't enter activation code during registration.	You can enter the code under Settings » Redeem activation code.
After reinstalling POIbase I can't register again.	Already registered for the program.	Cancel the registration and sign in using your email address and password.
How do I uninstall the program?		POIbase can be uninstalled from the Control Panel under Programs and Features.
I shall not be warned of any speed cameras.	No speed cameras have been transferred.	Transfer the speed camera to the POI pilot.
	Speed camera alert is switched off.	Activate the speed camera alert in the POI pilot menu.

FAQS

You will find further answers to known questions and problems at **www.poicon.com/en » Contact & Support » FAQs.**

SUPPORT

1. Online
In our online support centre you can find:
- free updates for many POICON products
- many tips and important information about your product
  www.poicon.com/en -> Contact & Support

2. E-mail
You can e-mail all of your questions and suggestions to our free e-mail support at support@poicon.com.

3. Telephone

- **Orders:**
  Orders, product suggestions, questions about other products or content services

  +49 (0)40 28 46 37 10

- **Customer technical support:**
  Here you can acquire help with the installation of and problems with your software

  +49 (0)40 28 46 37 111

Enjoy your new POI PILOT

Yours,
POICON Team
Hamburg

POI PILOT 7000

SUPPORT

IMPORTANT INFORMATION

ATTENTION: *It is your responsibility to ensure that law within your own country permits the use of this product.*

POI PILOT 7000

IMPORTANT INFORMATION REGARDING DISPOSAL

This electrical appliance cannot be disposed of alongside household waste. Please contact local collection authorities in your district to ensure that it is disposed of correctly.
Please refer to any information provided by your local authority regarding details of the location of any such facilities, and in terms of existing daily/monthly/annual quantity restrictions.

CE

DECLALARATATION OF CONFORMITY

POICON GmbH & Co. KG hereby confirms that the product POI Pilot 7000 complies with the EMC Directive 2004/108/EG and with the RoHS directive 2011/65/EU (for restrictive hazardous substances).

Hamburg, 24/02/2015

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The full Declaration of Conformity can be found at
www.poicon.com/download/7000.pdf